

SUPPLEMENTAL AMENDMENT

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Serial No.: 09/911,954

Filing Date: July 24, 2001

Attorney Docket No. 10018165-1

Title: METHOD AND APPARATUS FOR REDUCING INACCURACIES WHEN PROCESSING COLOR DATA WITH A MATRIX

REMARKS

Subsequent to filing the response to the Office Action on October 28, 2004 (the October 28 Response), Applicant discovered an error in the amendments to claims 13 and 23. Applicant contacted the Examiner on November 2, 2004 to alert the Examiner that this Supplemental Amendment would be filed today to correct the errors introduced into claims 13 and 23. Applicant thanks the Examiner for agreeing to consider this Supplemental Amendment along with the October 28 Response.

In this Supplemental Amendment, Applicant has further amended claims 13 and 23 to remove limitations that were inadvertently added into the claims in the October 28 Response. Applicant respectfully requests the Examiner to consider the following arguments in place of the arguments with respect to claims 13 and 23 filed in the October 28 Response.

Rejections Under 35 U.S.C. § 102

Claims 13 and 23 were rejected under 35 USC § 102(b) as being anticipated by Sobol (U.S. Patent No. 5,854,859). Applicant respectfully traverses the rejection.

Claim 13 is directed to a scanner. The scanner comprises:

- a matrix for transforming the raw digital data for color components for each of a plurality of pixels into a corrected color component for that pixel;
- the scanner configured to output the corrected color component for that pixel only when the raw digital data for at least one of the color components of that pixel is greater than a pre-selected value.

Sobol does not teach or suggest a scanner with a matrix that transforms raw digital data for color components for each of a plurality of pixels into a corrected color component for that pixel. Further, Sobol does not teach or suggest a scanner that outputs the corrected color component for that pixel only when the raw digital data for at least one of the color components of that pixel is greater than a selected threshold. Therefore, claim 13 is not anticipated by Sobol.

Claim 23 is directed to a "scanner." The scanner comprises:

- a photo sensor array for converting an image into an electrical signal;
- an A-to-D converter to convert the electrical signal into raw digital data;

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a first matrix and a second matrix, both matrixes for transforming the raw digital data for color components for each of a plurality of pixels into corrected color component for that pixel;

the scanner configured to create the corrected color component for that pixel by selecting between the first and second matrix as a function of the raw digital data value.


Sobol does not teach or suggest a scanner with a first and second matrix that transform raw digital data for color components for each of a plurality of pixels into a corrected color component for that pixel. Further, Sobol does not teach or suggest a scanner that creates the corrected color component for that pixel by selecting between the first and second matrix as a function of the raw digital data value. Therefore, claim 23 is not anticipated by Sobol.

CONCLUSION

Applicant respectfully submits that claims 13 and 23 are in condition for allowance and notification to that effect is earnestly requested. If necessary, please charge any additional fees or credit overpayments to Deposit Account No. 502432.

If the Examiner has any questions or concerns regarding this application, please contact the undersigned at (612) 332-4720.

Respectfully submitted,

Date: November 2, 2004

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